INDEX TO VOLUME XXXIII

Ahlbrandt, Calvin D., Hinton, Don B. and Lewis, Roger T. *Necessary and sufficient conditions for the discreteness of the spectrum of certain singular differential operators*, 229–246

Akcoglu, M. A. and Del Junco, A. *Differentiation of n-dimensional additive processes*, 749–768

Akemann, Charles A. and Walter, Martin E. *Unbounded negative definite functions*, 862–871

Avis, David *Hypermetric spaces and the Hamming cone*, 795–802

Bachman, George and Stratigos, Panagiotis D. *Criteria for σ-smoothness τ-smoothness, and tightness of lattice regular measures, with applications*, 1498–1525

Balser, W., Jurkat, W. B. and Peyerimhoff, A. *On linear functionals and summability factors for strong summability II*, 769–781

Bannai, Eiichi and Sloane, N. J. A. *Uniqueness of certain spherical codes*, 437–449

Bass, D. W. *Topologically versal deformations of matrices: codimension at most two*, 168–180

Binding, Paul *Variational methods for one and several parameter non-linear eigenvalue problems*, 210–228

Bollobás, Béla *Counting coloured graphs of high connectivity*, 476–484

Borwein, David and Jakimovski, Amnon *Generalization of the Hausdorff moment problem*, 946–960

Borwein, Peter B. *Markov's and Bernstein's inequalities on disjoint intervals*, 201–209

Brandenburg, Harald *Separating closed sets by continuous mappings into developable spaces*, 1420–1431

Brillhart, John, Filaseta, Michael and Odlyzko, Andrew *On an irreducibility theorem of A. Cohn*, 1054–1058

Brouwer, A. E. *On the size of a maximum transversal in a Steiner triple system*, 1201–1203

Cecchini, C. and Zappa, A. *Some results on the center of an algebra of operators on VN(G) for the Heisenberg group*, 1469–1486

Chouinard, Leo G., II *Krull semigroups and divisor class groups*, 1459–1468

Cohen, Jo-Ann D. *Locally bounded topologies on the ring of integers of a global field*, 571–584

Cori, Robert and Vauquelin, Bernard *Planar maps are well labeled trees*, 1022–1041

Daverman, R. J. and Loveland, L. D. *Any 2-sphere in E^3 with uniform interior tangent balls is flat*, 150–167

Davidson, Kenneth R. *Compact perturbations of reflexive algebras*, 685–700

Del Junco, A. and Akcoglu, M. A. *Differentiation of n-dimensional additive processes*, 749–768

Deveney, James K. and Mordeson, John N. *Distinguished subfields of intermediate fields*, 1084–1095

Dickson, D. G. *Expansions of arbitrary analytic functions in series of exponentials*, 347–356

Dobbs, David E. *Lying-over pairs of commutative rings*, 454–475

Edge, W. L. *A specialised net of quadrics having self-polar polyhedra, with details of the five-dimensional example*, 885–892

Egghe, Leo *Strong convergence of pramarts in Banach spaces*, 357–361

Elliott, Joanne *Generalised resolvent equations and unsymmetric Dirichlet spaces*, 1110–1140

Espelie, M. Solveig and Joseph, James E. *Some properties of θ-closure*, 142–149
Esterle, J. *Irregularity of the rate of decrease of sequences of powers in the Volterra algebra*, 320–324
Felix, Yves *Modèles hilbertiens: une plaque tournante en homotopie rationnelle*, 1448–1458
Fialkow, Lawrence A. *Elements of spectral theory for generalized derivations II: the semi-Fredholm domain*, 1204–1230
Filaseta, Michael, Brillhart, John and Odlyzko, Andrew *On an irreducibility theorem of A. Cohn*, 1054–1056
Fleming, R. J. and Jamison, J. E. *Isometries of $S_p(a)$*, 59–67
Furuta, Takayuki *Essentially convexoid operators*, 257–274
Gasper, George *Orthogonality of certain functions with respect to complex valued weights*, 1260–1269
Gerhard, J. A. and Petrich, Mario *The word problem for orthogroups*, 893–900
Gordon, C. McA., Litherland, R. A. and Murasugi, K. *Signatures of covering links*, 381–394
Goulden, I. P. and Jackson, D. M. *The generalization of Tutte's result for chromatic trees, by Lagrangian methods*, 12–19
Gratzer, G., Huhn, A. P. and Lakser, H. *On the structure of finitely presented lattices*, 404–411
Hadwin, D. W. *Dilations and Hahn decompositions for linear maps*, 826–839
Hanlon, Phil *Algebras of acyclic type*, 129–141
Hansen, Vagn Lundsgaard *Spaces of maps into Eilenberg-MacLane spaces*, 732–785
Hartley, Richard *Knots with free period*, 91–102
Heerema, N. and Morrison, T. *On derivations induced by p-adic fields*, 840–856
Hegde, Shankar *Wallman compactification and representation*, 372–380
Heinicke, A. G. *Localization and completion at primes generated by normalizing sequences in right Noetherian rings*, 325–346
Heinzer, William *An essential integral domain with a non-essential localization*, 400–403
Helderman, N. C. *Developability and some new regularity axioms*, 641–643
Hill, Paul *Criteria for total projectivity*, 817–825
Hindman, Neil *On a conjecture of Erdös, Faber, and Lovász about n-colorings*, 563–570
Hinton, Don B., Ahlbrandt, Calvin D. and Lewis, Roger T. *Necessary and sufficient conditions for the discreteness of the spectrum of certain singular differential operators*, 229–246
Huckaba, James A. and Papick, Ira J. *A localization of R[x]*, 103–115
Huckleberry, A. T. and Livorni, E. L. *A classification of homogeneous surfaces*, 1096–1109
Huhn, A. P., Gratzer, G. and Lakser, H. *On the structure of finitely presented lattices*, 404–411
Ishibashi, Hiroyuki *Generators of orthogonal groups over valuation rings*, 116–128
Ishibashi, Hiroyuki *Generators of $U_n(V)$ over a quasi semilocal semihereditary ring*, 1231–1243
Ishibashi, Yasunori *Symbolic powers of regular primes*, 1331–1337
Izawa, Tatsuo *Maximal quotient rings of endomorphism rings of $E(R_R)$-torsionfree generators*, 585–605
Jackson, D. M. and Goulden, I. P. *The generalization of Tutte's result for chromatic trees, by Lagrangian methods*, 12–19
Jakimovski, Amnon and Borwein, David *Generalization of the Hausdorff moments problem*, 946–960
Jamison, J. E. and Fleming, R. J. *Isometries of $S_p(a)$*, 59–67
Jardine, J. F. *Algebraic homotopy theory*, 302–319
Jenkins, James A. *On explicit bounds in Landau's theorem. II*, 559–562
Jha, Vikram and Kallaher, Michael J. *On spreads admitting projective linear groups*, 1487–1497
Johnson, N. L. *The translation planes of Dempwolff*, 1059–1072

Joseph, James E. and Espelie, M. Solveig *Some properties of δ-closure*, 142–149
Jurkat, W. B., Balser, W. and Peyerimhoff, A. *On linear functionals and summability factors for strong summability II*, 769–781
Kallaher, Michael J. and Jha, Vikram *On spreads admitting projective linear groups*, 1487–1497
Katavolos, A. *Are non-commutative L_p spaces really non-commutative?*, 1319–1327
Kestenband, Barbu C. *Hermitian configurations in odd-dimensional projective geometries*, 500–512
Khalil, Roshdi *On the algebra of multipliers*, 786–794
Khan, M. A. *Power-rich and power-deficient* LCA *groups*, 644–640
Kierstead, Henry A. *Recursive colorings of highly recursive graphs*, 1279–1290
Klee, Victor and Larman, David *Diameters of random graphs*, 618–640
Kofner, Jacob *Transitivity and ortho-bases*, 1439–1447
Kolaski, Clinton J. *Isometries of Bergman spaces over bounded Runge domains*, 1156–1163
Kudla, Stephen S. and Millson, John J. *The Poincare dual of a geodesic algebraic curve in a quotient of the 2-ball*, 485–499
Kuiken, Kathryn *On the monodromy groups of Reimann surfaces of genus ≥ 1*, 1141–1155
Kulkarni, S. H. and Limaye, B. V. *Gleason parts of real function algebras*, 181–200
Lakser, H., Gratzer, G. and Huhn, A. P. *On the structure of finitely presented lattices*, 404–411
Larman, Davis and Klee, Victor *Diameters of random graphs*, 618–640
Leeming, D. J. and MacLeod, R. A. *Some properties of generalised Euler numbers*, 606–617
Levesque, Claude *Systèmes fondamentaux d'unités de certaines composés de deux corps quadratiques, I*, 937–945
Lewis, Roger T., Ahlbrandt, Calvin D. and Hinton, Don B. *Necessary and sufficient conditions for the discreteness of the spectrum of certain singular differential operators*, 229–246
Liang, Chao-Chu *σ_4-actions on homotopy spheres*, 275–281
Limaye, B. V. and Kulkarni, S. H. *Gleason parts of real function algebras*, 181–200
Litherland, R. A., Gordon, C. McA. and Murasugi, K. *Signatures of covering links*, 381–394
Livorni, E. L. and Huckleberry, A. T. *A classification of homogeneous surfaces*, 1096–1109
Lorimer, J. W. *Locally compact Hjelmslev planes and rings*, 988–1021
Loveland, L. D. and Daverman, R. J. *Any 2-sphere in E^3 with uniform interior tangent balls in flat*, 150–167
Lowen-Colebunders, Eva *Open and proper maps characterized by continuous setvalued maps*, 929–936
MacLeod, R. A. and Leeming, D. J. *Some properties of generalised Euler numbers*, 606–617
Martin, John R. *Absolute approximate retracts and* AR*-spaces*, 297–301
Metzger, Thomas A. *On BMOA for Riemann surfaces*, 1254–1259
Miers, C. Robert *Closed Lie ideals in operator algebras*, 1270–1278
Millson, John J. and Kudla, Stephen S. *The Poincare dual of a geodesic algebraic curve in a quotient of the 2-ball*, 485–499
Mordeson, John N. and Deveney, James K. *Distinguished subfields of intermediate fields*, 1084–1095
Mollin, R. A. *Cyclotomic division algebras*, 1073–1083
Mollin, R. A. *Induced quaternion algebras in the Schur groups*, 1370–1379
Morita, Jun *On some twisted Chevalley groups over Laurent polynomial rings*, 1181–1200
Morrison, T. and Heerema, N. *On derivations induced by p-adic fields*, 840–856
Müller, Bruno J. *The quotient problem for noetherian rings*, 734–748

Murasugi, K., Gordon, C. McA. and Litherland, R. A. *Signatures of covering links*, 381–394
Musson, I. M. *Irreducible modules for polycyclic group algebras*, 901–914
Odlyzko, Andrew, Brillhart, John, and Filaseta, Michael *On an irreducibility theorem of A. Cohn*, 1054–1058
Oxley, James G. *On 3-connected matroids*, 20–27
Papick, Ira J. and Huckaba, James A. *A localization of R[x]*, 103–115
Pellaumail, J. *Weak solutions for semi-martingales*, 1164–1180
Petrich, Mario and Gerhard, J. A. *The word problem for orthogroups*, 893–900
Pettet, Martin R. *Nilpotent partition-inducing automorphism groups*, 412–420
Peyerimhoff, A., Balser, W. and Jurkat, W. B. *On linear functionals and summability factors for strong summability II*, 769–781
Pierre, R. and Rahman, Q. I. *On a problem of Turán about polynomials II*, 701–733
Phelps, K. T. *Direct product of derived Steiner systems using intersive planes*, 1365–1369
Poguntke, W. and Sands, B. *On finitely generated lattices of finite width*, 28–48
Pouzet, Maurice and Rival, Ivan *Which ordered sets have a complete linear extension?*, 1244–1253
Powell, Charles H. and Wade, William R. *Term by term dyadic differentiation*, 247–256
Radjabalipour, Mehdi *On reflexivity of algebras*, 1291–1308
Rahman, Mizan *A non-negative representation of the linearization coefficients of the product of Jacobi polynomials*, 915–928
Rahman, Mizan *The linearization of the product of continuous q-Jacobi polynomials*, 961–987
Rahman, Q. I. and Pierre, R. *On a problem of Turán about polynomials II*, 701–733
Reilly, Norman R. *A subsemilattice of the lattice of varieties of lattice ordered groups*, 1309–1318
Riemenschneider, S. D. and Sharma, A. *Birkoff interpolation at the nth roots of unity: convergence*, 362–371
Rival, Ivan and Pouzet, Maurice *Which ordered sets have a complete linear extension?*, 1244–1253
Rogers, James T. Jr. *Completely regular mappings and homogeneous, aposyndetic continua*, 450–453
Sands, B. and Poguntke, W. *On finitely generated lattices of finite width*, 28–48
Savoyant, Michel *Une remarque sur une classe d'algèbres de Dirichlet faibles* de fonctions analytiques*, 1328–1330
Sharma, A. and Riemenschneider, S. D. *Birkoff interpolation at the nth roots of unity: convergence*, 362–371
Shelstad, D. *Embeddings of L-groups*, 513–558
Sloane, N. J. A. and Bannai, Eiichi *Uniqueness of certain spherical codes*, 437–449
Smith, Kenneth W. *Stability and categoricity of lattices*, 1380–1419
Spackman, Kenneth W. *On the number and distribution of simultaneous solutions to diagonal congruences*, 421–436
Squires, W. A. *Necessary conditions for universal interpolation in $\mathcal{L}^p$*, 1356–1364
Stratigos, Panagiotis D. and Bachman, George *Criteria for σ-smoothness, τ-smoothness, and tightness of lattice regular measures, with applications*, 1498–1525
Takahasi, Sin-Ei *On the center of quasi-central Banach algebras with bounded approximate identity*, 68–90
Takeuchi, Hiroshi *On the class-number of the maximal real subfield of a cyclotomic field*, 55–58
Taylor, Alan D. *Diamond principles, ideals and the normal Moore space problem*, 282–296
Thomas, Gilmfrwd P. *A note on Young's raising operator*, 49–54
Vauquelin, Bernard, and Cori, Robert *Planar maps are well labeled trees*, 1022–1041
Vermeer, Hans and Wattel, Evert *Projective elements in categories with perfect Φ-continuous maps*, 872–884

Wade, William R. and Powell, Charles H. *Term by term dyadic differentiation*, 247–256
Walker, W. J. *Rankings and ranking functions*, 395–399
Walter, Martin E. and Akemann, Charles A. *Unbounded negative definite functions*, 862–871
Ware, Roger *Valuation rings and rigid elements in fields*, 1338–1355
Wattel, Evert and Vermeer, Hans *Projective elements in categories with perfect 0-continuous maps*, 872–884
Williams, Scott W. *Co-absolute with homeomorphic dense subspaces*, 857–861
Wilson, Leslie C. *Infinitely determined mapgerms*, 671–684
Wimp, Jet *On uniqueness sets for expansions in sequences of functions arising from singular generating functions*, 803–816
Wolfe, Warren *Limits on pairwise amicable orthogonal designs*, 1042–1053
Wormald, Nicholas C. *On number the of planar maps*, 1–11
Yoshizawa, Mitsuo *On block-schematic Steiner systems $S(t, t+1, v)$*, 1432–1438
Zappa, A. and Cecchini, C. *Some results on the center of an algebra of operators of $VN(G)$ for the Heisenberg group*, 1469–1486